

202

105 HW

p556 8-19

8.  $16^2 + 30^2 \stackrel{?}{=} 34^2$  yes

9.  $5^2 + 3^2 \neq 4^2$  no

10.  $5^2 + 12^2 \neq 14^2$  no

11.  $10^2 + 6^2 \stackrel{?}{=} \sqrt{136}^2$  yes

12.  $10^2 = x^2 + 6^2$

$$8 = x$$

13.  $20^2 = 12^2 + x^2$

$$16 = x$$

14.  $7^2 + 12^2 = x^2$

$$\sqrt{193} = x$$

15.  $8^2 + x^2 = 17^2$

$$x = 15$$

16.  $x - 2 = 14$

$$x = 16$$

17.  $x = 3$   $5 - 2$

18.  $4 + 6 = 10 = x$

19.  $30 \div 4$

36	64	90
15		(30)